

From: [Michael Stephenson](#)
To: [Jump, Christine](#)
Cc: [SMITH, MARTIN L](#); [Tony Carmeli](#)
Subject: MW Abandonment Request for CH Wichita
Date: Saturday, January 25, 2014 8:15:40 AM
Attachments: [EPA Well Decommissioning Request.pdf](#)

Hello Chris,

As we discussed, attached please find a letter requesting approval to abandon eleven wells at the CH Wichita facility prior to initiating the heating remedy. Please let me know if you have any questions or concerns. If this request meets with your approval, please send me an email indicating so.

Thanks,

Mike Stephenson
Senior Scientist
Cameron-Cole, LLC
50 Hegenberger Loop
Oakland CA 94621
office - 510.777.1864
mobile - 510.773.9895
mstephenson@cameron-cole.com



Chris Jump, L.G.
Waste Remediation and Permitting Branch
US EPA, Region 7
11201 Renner Boulevard,
Lenexa, KS 66219

January 24, 2013

RE: Request for Approval to Decommission Groundwater Monitoring Wells at the Clean Harbors Wichita Facility, 2549 New York Avenue, Wichita, Kansas (EPA Identification No KSD007246846)

Dear Ms. Jump:

Clean Harbors is requesting approval from USEPA Region 7 to decommission 11 groundwater monitoring wells at the Clean Harbors Wichita Facility (the facility) located at 2549 New York Avenue, Wichita, Kansas (EPA Identification No KSD007246846). Decommissioning of these groundwater monitoring wells is required prior to initiating the Thermal Treatment of soils which is being implemented as an Interim Remedial Measure at the facility.

Successful implementation of the Thermal Treatment Interim Measure requires that there be no groundwater monitoring wells located within approximately 25 feet of treatment areas. Based on this requirement, 11 groundwater monitoring wells at the facility are required to be decommissioned. Table 1 is provided as a summary of the wells to be decommissioned. Thermal Treatment areas and the locations of the groundwater monitoring well locations to be decommissioned are provided on Figure 1. Well completion logs with the exception of HRI – 03 and SK-OW-1 are also provided as an attachment to this letter. Boring logs for these wells were not available.

The 11 wells will be decommissioned by a Kansas licensed drilling contractor in accordance with the Kansas Department of Health and Environment (KDHE) well plugging requirements described in Article 12 (K.S.A. Supp. 82a – 1201 et seq.). Well decommissioning activities are scheduled to be completed during the week of February 10, 2014 and are anticipated to take approximately two days. Following completion of field activities, the required well decommissioning forms will be submitted to KDHE by the drilling contractor.

Please provide written approval to this request to the undersigned. Thank you for your attention to this matter and please do not hesitate to contact me with any questions or requests for additional information.

Sincerely,

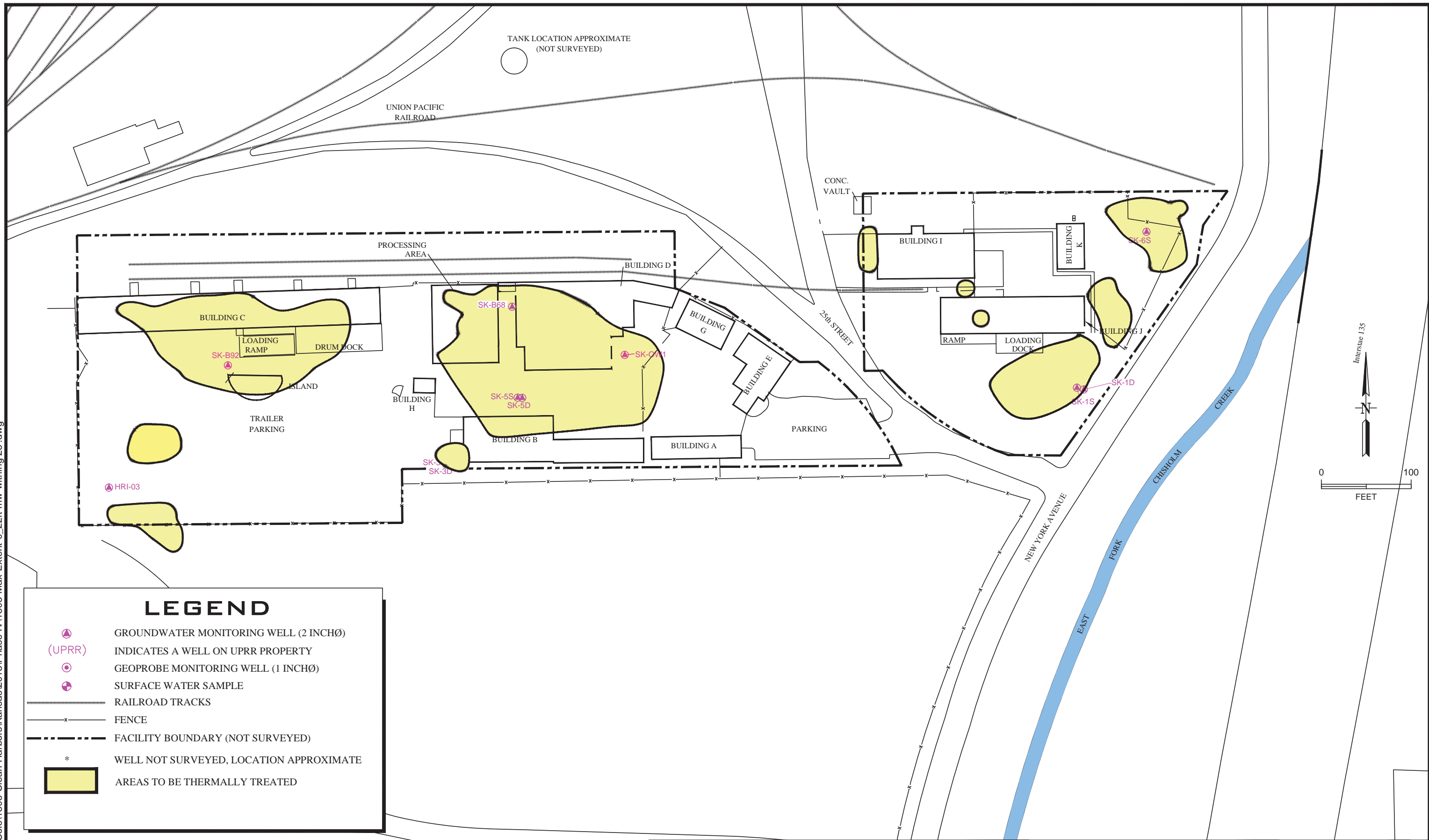
A handwritten signature in black ink, appearing to read "Mike Stephenson", with a long horizontal flourish extending to the right.

Mike Stephenson
Senior Scientist

Attachments:

- Figure 1 –Location Map for Wells to be Decommissioned
- Table 1 – Summary of Wells Slated for Deommissioning
- Boring logs

M:\clients\Cameron-Cole\1808-Clean-Harbors\Kansas\2013\Phase IV\1808-Max-Extent-0_22ft-mw-withing 25'.dwg



BY	DATE
DRAWN FR	1/24/14
CHECKED	
REVISED	
APPROVED	
APPROVED	
APPROVED	

 **Cameron-Cole**
5777 CENTRAL AVENUE, SUITE 200
BOULDER, COLORADO 80301
PHONE: (303) 938-5500
FAX: (303) 938-5520
<http://www.cameron-cole.com>

FIGURE 1

LOCATION MAP FOR WELLS TO BE DECOMISSIONED
CLEAN HARBORS KANSAS, LLC

SCALE: AS SHOWN PROJECT: 1808

Table 1
Summary of Well Information

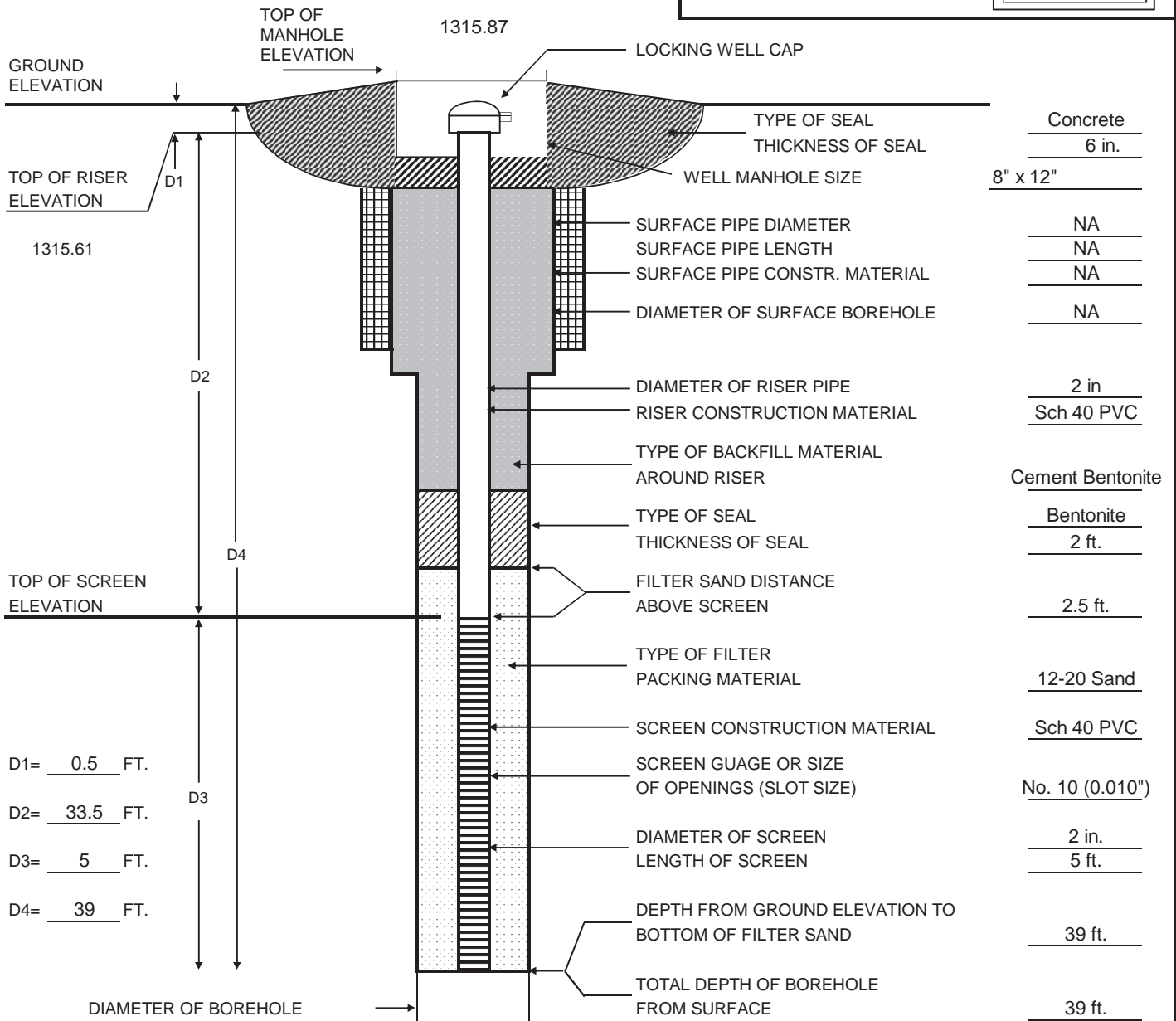
Well	Total Depth (ft)
HRI-03	33
SK-OW-1	30 (1)
SK-B92	21
SK-3S	25
SK-3D	40
SK-5S	24
SK-5D	37.5
SK-1S	27
SK-1D	39
SK-6S	27
SK-B68	25
(1) Well Depth Estimated, actual TD unknown	

**SAFETY-KLEEN MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

SAFETY-KLEEN PROJECT NO. 963231

PROJECT NAME: SK-Wichita

MONITORING WELL NO. **SK-1D**



D1= 0.5 FT.
D2= 33.5 FT.
D3= 5 FT.
D4= 39 FT.



MONITORING WELL INSTALLATION INFORMATION

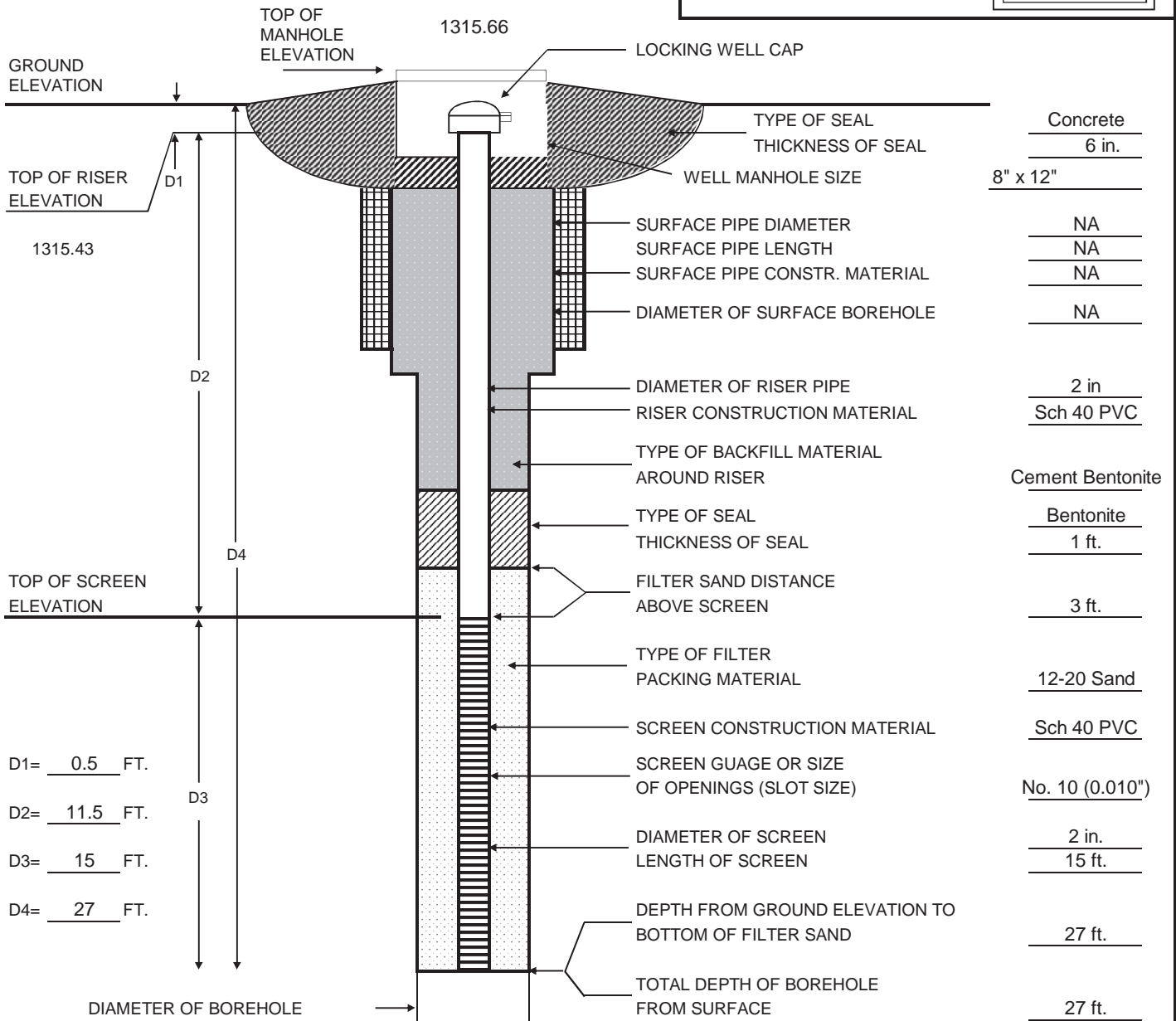
DRILLING CONTRACTOR: Geotechnical Services Inc.	DRILLER: R. Lewis	
DRILLING RIG TYPE: CME-75	DRILLING METHOD: 4 1/4" HSA	
DATE STARTED: 10/23/2000	DATE COMPLETED: 10/23/2000	FORM COMPLETED BY: N. Malakar

**SAFETY-KLEEN MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

SAFETY-KLEEN PROJECT NO. 963231

PROJECT NAME: SK-Wichita

MONITORING WELL NO. **SK-1S**



MONITORING WELL INSTALLATION INFORMATION

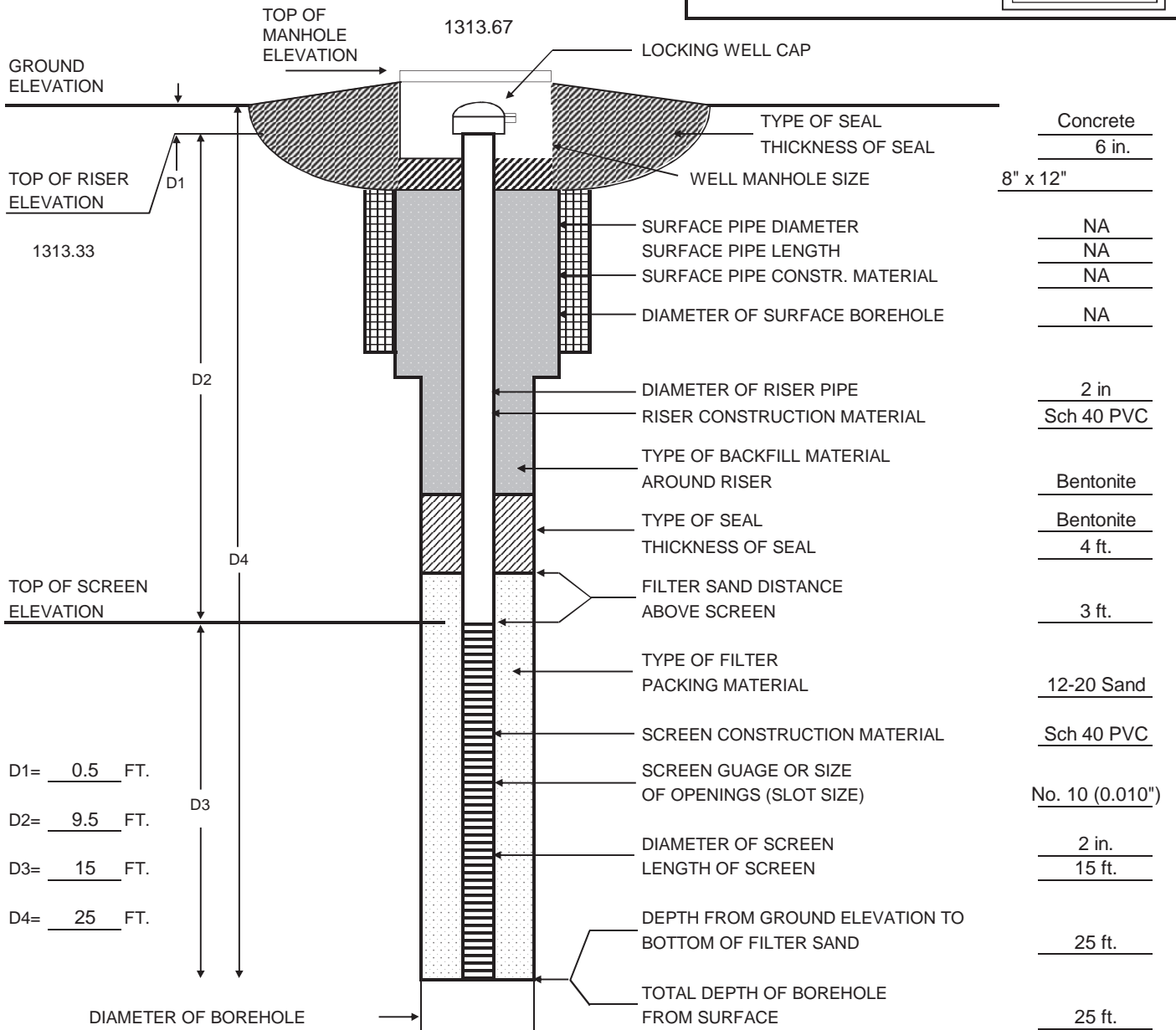
DRILLING CONTRACTOR:	DRILLER:	
Geotechnical Services Inc.	R. Lewis	
DRILLING RIG TYPE:	DRILLING METHOD:	
CME-75	4 1/4" HSA	
DATE STARTED:	DATE COMPLETED:	FORM COMPLETED BY:
10/23/2000	10/23/2000	N. Malakar

**SAFETY-KLEEN MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

SAFETY-KLEEN PROJECT NO. 963231

PROJECT NAME: SK-Wichita

MONITORING WELL NO. **SK-3S**



NOT TO SCALE

MONITORING WELL INSTALLATION INFORMATION

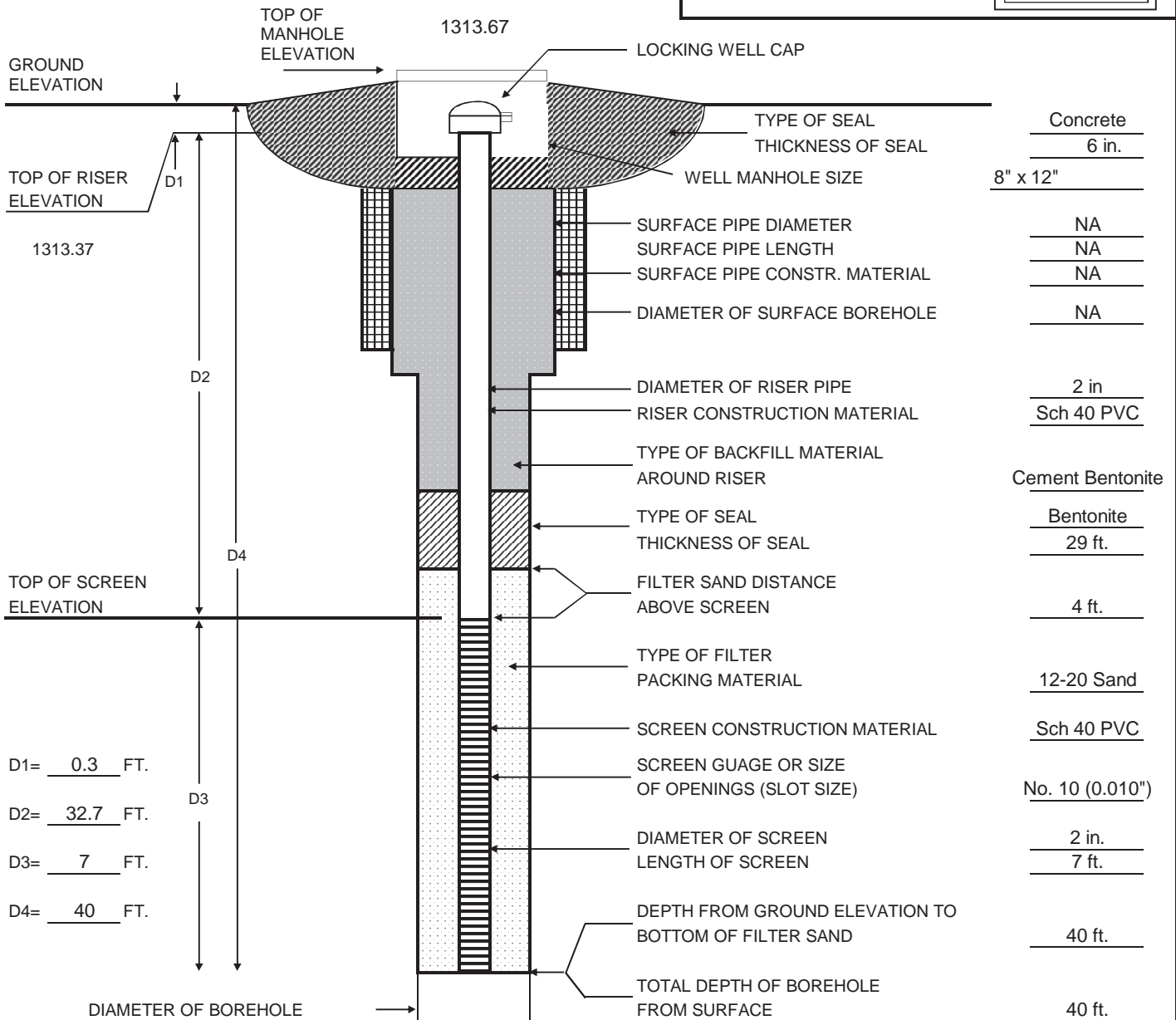
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Geotechnical Services Inc.	R. Lewis	
DRILLING RIG TYPE:	DRILLING METHOD:	
CME-75	4 1/4" HSA	
DATE STARTED:	DATE COMPLETED:	FORM COMPLETED BY:
10/23/2000	10/23/2000	N. Malakar

**SAFETY-KLEEN MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

SAFETY-KLEEN PROJECT NO. 963231

PROJECT NAME: SK-Wichita

MONITORING WELL NO. **SK-3D**



NOT TO SCALE

MONITORING WELL INSTALLATION INFORMATION

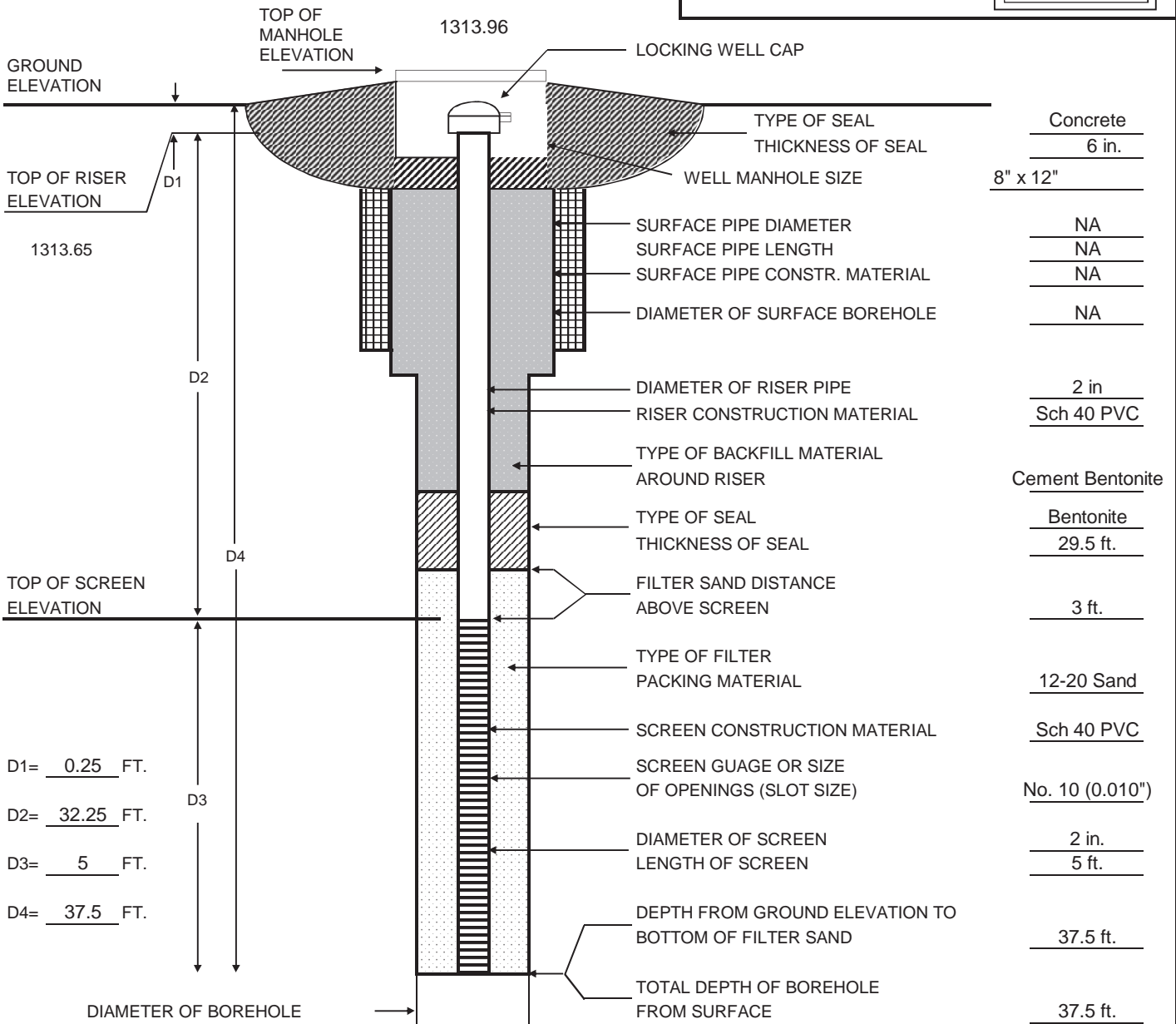
DRILLING CONTRACTOR: Geotechnical Services Inc.	DRILLER: R. Lewis	
DRILLING RIG TYPE: CME-75	DRILLING METHOD: 4 1/4" HSA	
DATE STARTED: 10/24/2000	DATE COMPLETED: 10/24/2000	FORM COMPLETED BY: N. Malakar

**SAFETY-KLEEN MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

SAFETY-KLEEN PROJECT NO. 963231

PROJECT NAME: SK-Wichita

MONITORING WELL NO. **SK-5D**



MONITORING WELL INSTALLATION INFORMATION

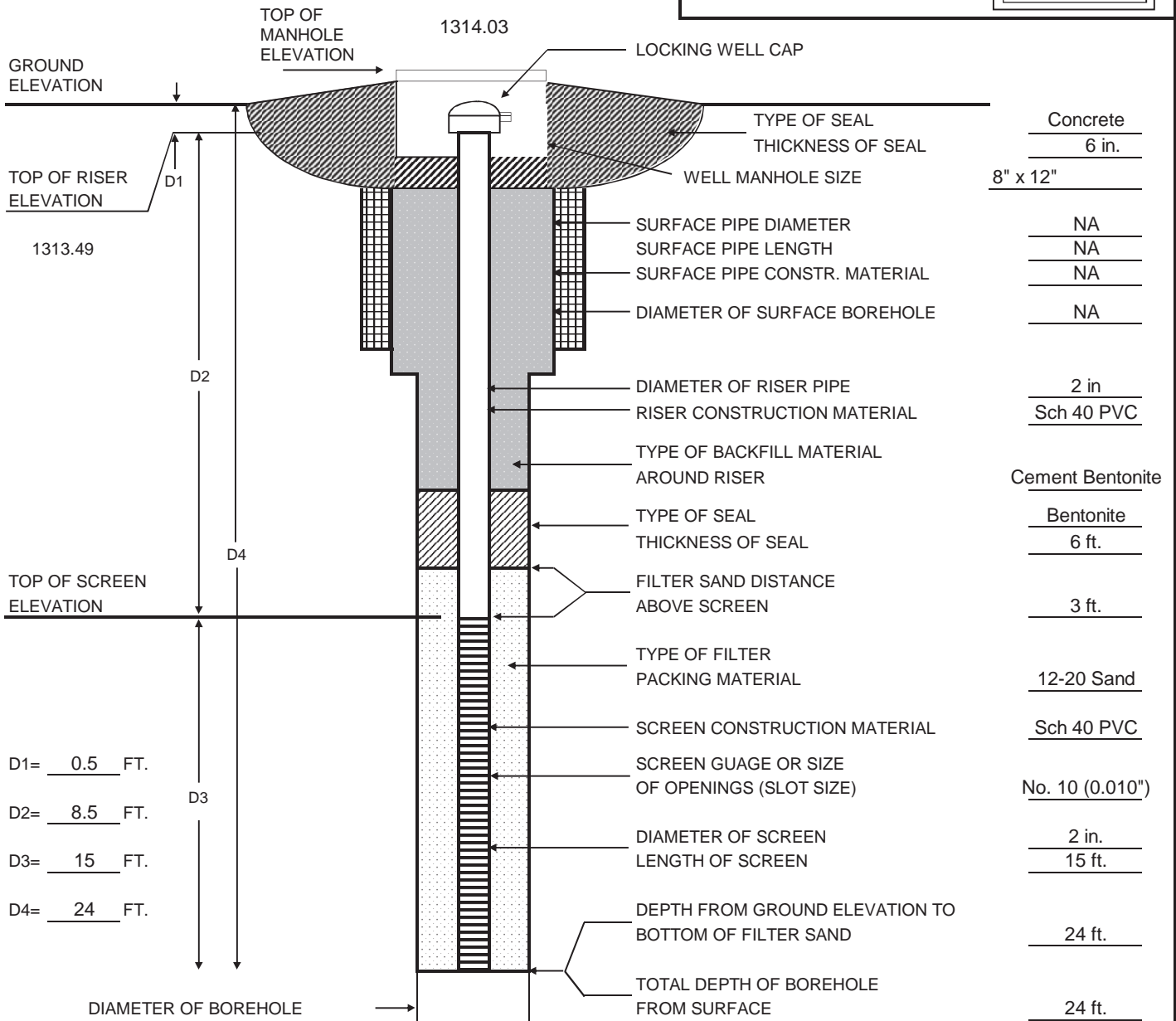
DRILLING CONTRACTOR: Geotechnical Services Inc.	DRILLER: R. Lewis	
DRILLING RIG TYPE: CME-75	DRILLING METHOD: 4 1/4" HSA	
DATE STARTED: 10/24/2000	DATE COMPLETED: 10/24/2000	FORM COMPLETED BY: N. Malakar

**SAFETY-KLEEN MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

SAFETY-KLEEN PROJECT NO. 963231

PROJECT NAME: SK-Wichita

MONITORING WELL NO. **SK-5S**



MONITORING WELL INSTALLATION INFORMATION

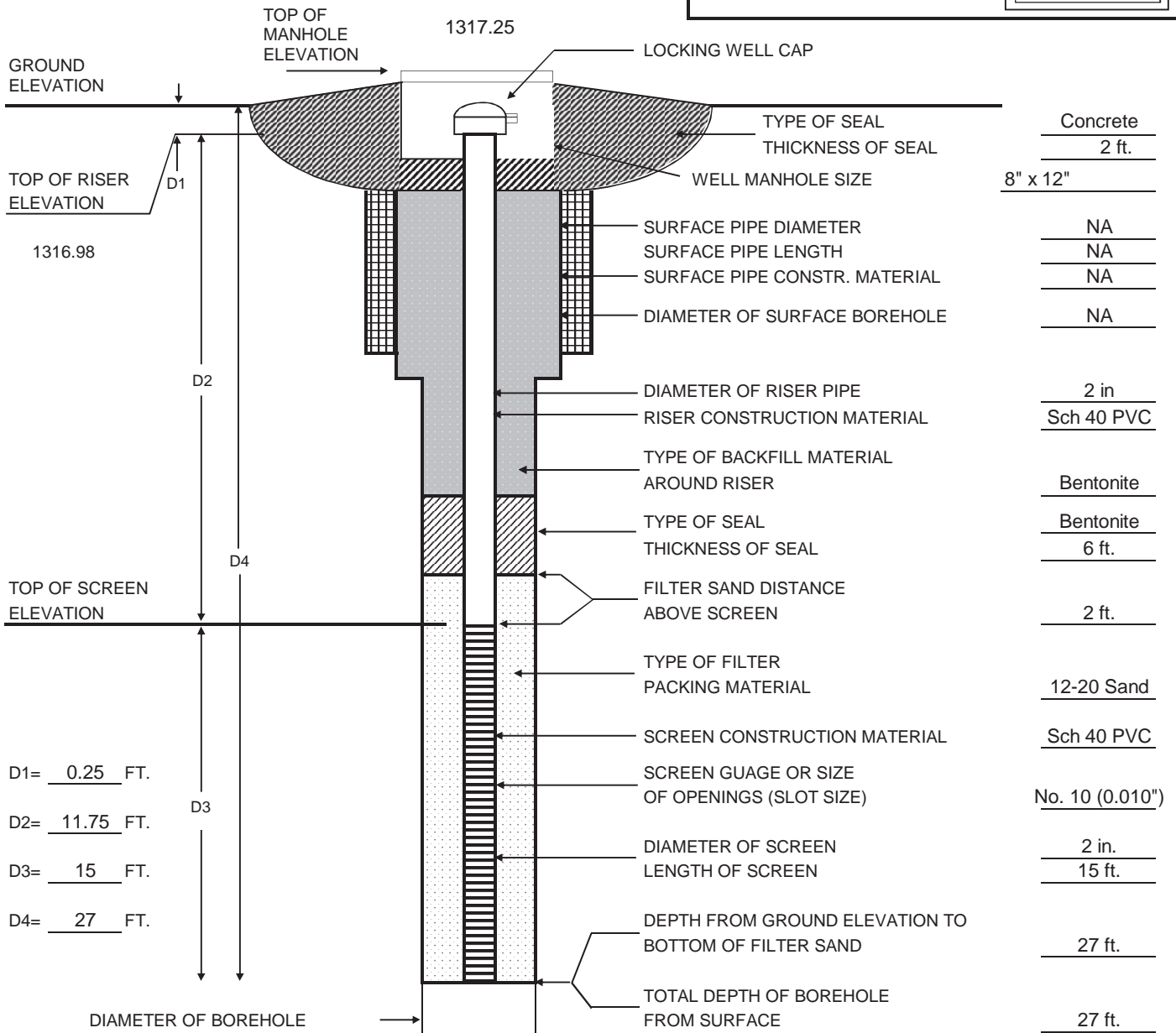
DRILLING CONTRACTOR: Geotechnical Services Inc.	DRILLER: R. Lewis	
DRILLING RIG TYPE: CME-75	DRILLING METHOD: 4 1/4" HSA	
DATE STARTED: 10/24/2000	DATE COMPLETED: 10/24/2000	FORM COMPLETED BY: N. Malakar

**SAFETY-KLEEN MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

SAFETY-KLEEN PROJECT NO. 963231

PROJECT NAME: SK-Wichita

MONITORING WELL NO. **SK-6S**



NOT TO SCALE

MONITORING WELL INSTALLATION INFORMATION

DRILLING CONTRACTOR: Geotechnical Services Inc.	DRILLER: S. Gensler	
DRILLING RIG TYPE: CME-75	DRILLING METHOD: 4 1/4" HSA	
DATE STARTED: 10/23/2000	DATE COMPLETED: 10/23/2000	FORM COMPLETED BY: N. Malakar

**CAMERON-COLE MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

CAMERON-COLE PROJECT NO.

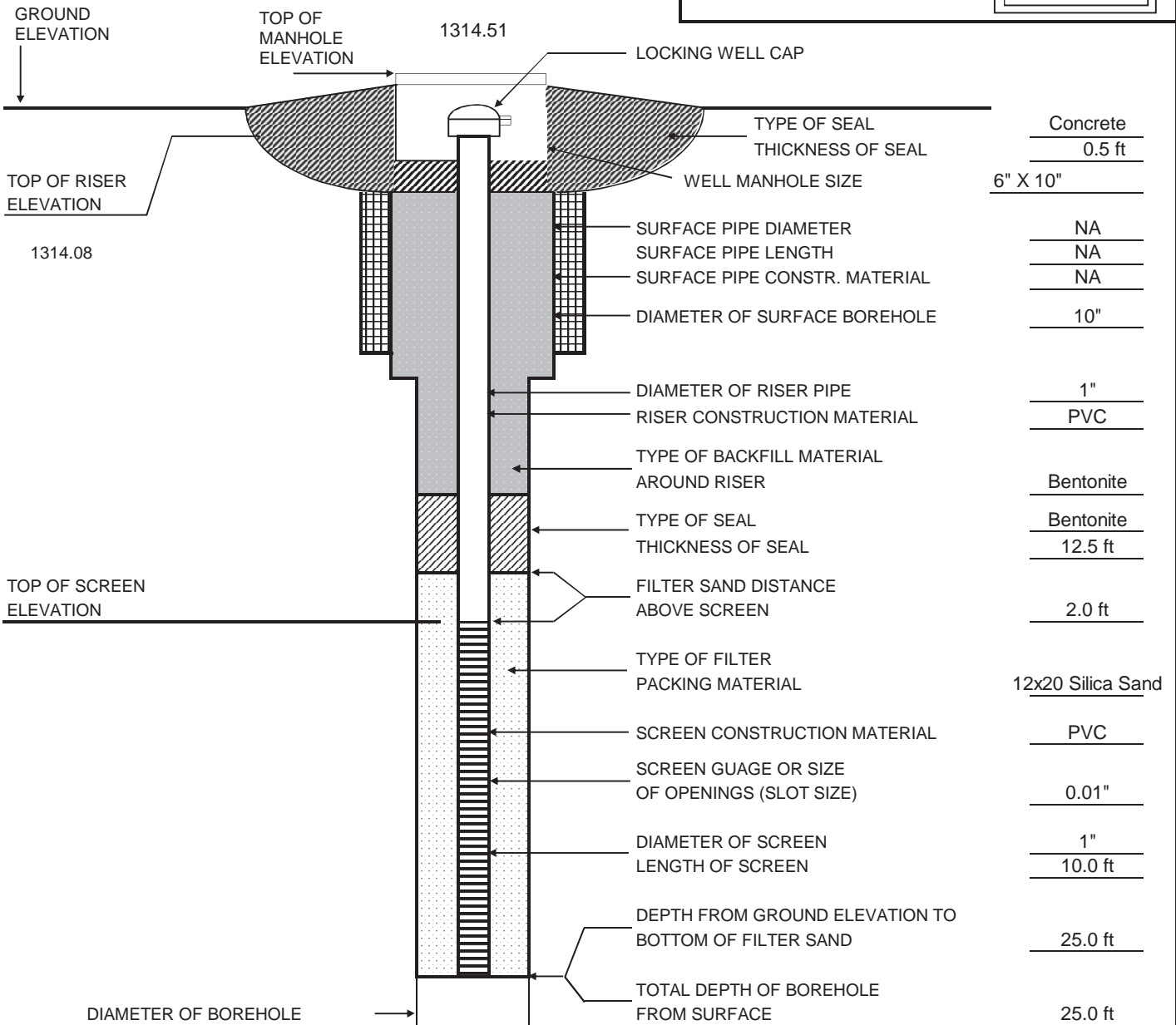
1205

PROJECT NAME:

Safety-Kleen (Wichita)

MONITORING WELL NO.

SK-B68



NOT TO SCALE

MONITORING WELL INSTALLATION INFORMATION

DRILLING CONTRACTOR:		DRILLER:	
Environmental Priority Service		Pat Martin	
DRILLING RIG TYPE:		DRILLING METHOD:	
Geoprobe		Geoprobe	
DATE STARTED:		DATE COMPLETED:	FORM COMPLETED BY:
11/12/2001		11/12/2001	JAN

**CAMERON-COLE MONITORING WELL
CONSTRUCTION AND
INSTALLATION DIAGRAM**

CAMERON-COLE PROJECT NO.

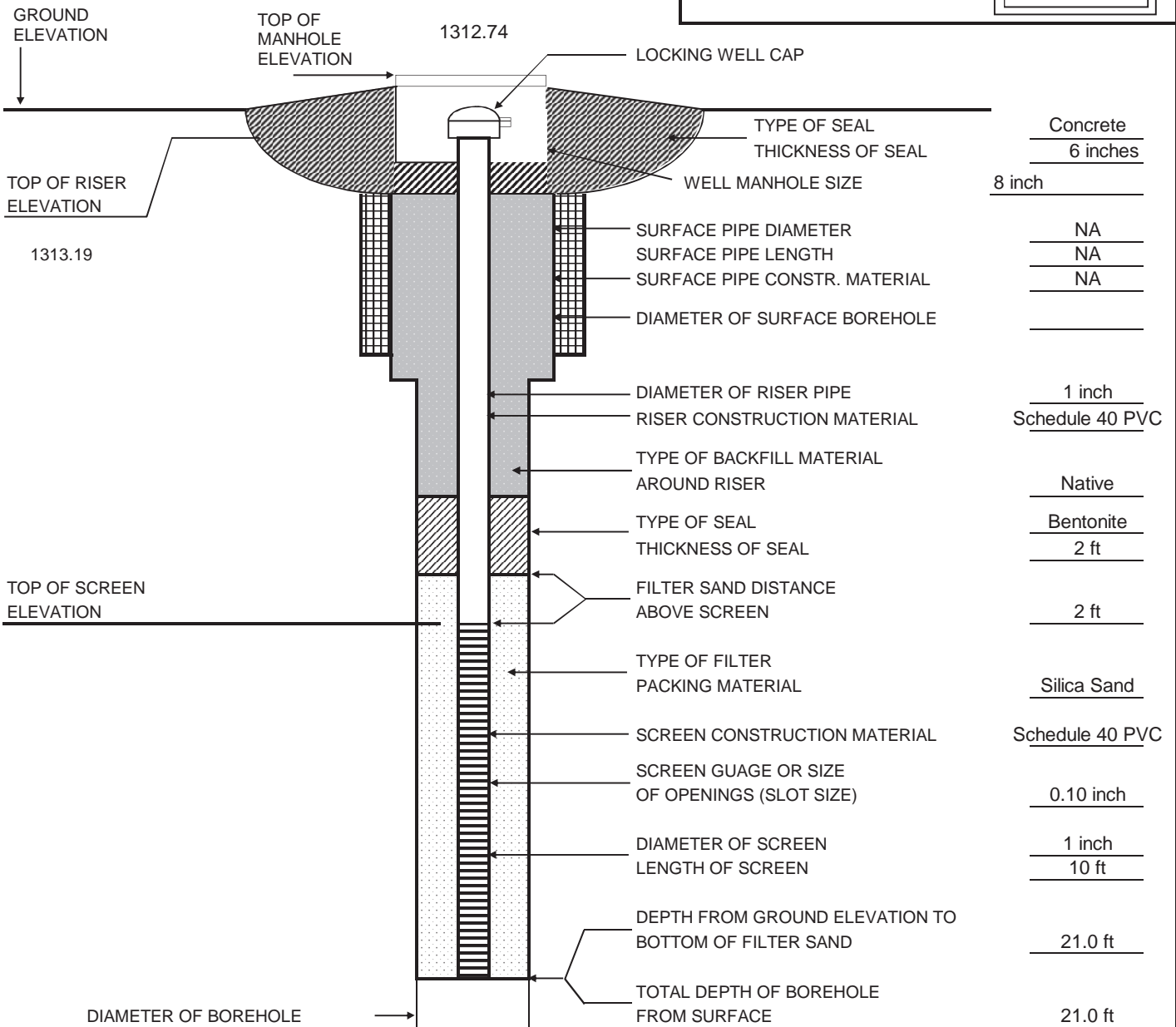
1205

PROJECT NAME:

Safety-Kleen (Wichita)

MONITORING WELL NO.

SK-B92



NOT TO SCALE

MONITORING WELL INSTALLATION INFORMATION

DRILLING CONTRACTOR:		DRILLER:	
Environmental Priority Services		Pat Martin	
DRILLING RIG TYPE:		DRILLING METHOD:	
GeoProbe		GeoProbe	
DATE STARTED:		DATE COMPLETED:	FORM COMPLETED BY:
8/22/2002		8/22/2002	JAN